

Pre-Operations Report

Operation Name: Big Leaves
County (%): Columbia (100%)
Elevation: 764 - 1,634 ft
Legal Description: T5N R3W, Sections 2, 20, 21, 23; T6N R3W, Sections 34 & 35

Tax Code(s): n/a
BOF%: 100 **CSL%:** 0
Sale Quarter: 3

I. VOLUME AND VALUE SUMMARY

Table 1. Types, Acres, and Value

| Unit | Harvest Type | Anticipated Product ^c | Gross Acres | Net Acres | MBF/ Acre ^a | MBF/ Unit ^a | \$/MBF ^b | \$/Unit |
|--|--------------|----------------------------------|-------------|-----------|------------------------|------------------------|---------------------|-------------|
| 1 | CC | DF-L, WH-S | 13 | 9 | 57.0 | 513 | \$635 | \$325,755 |
| 2 | CC | DF-L, WH-S | 80 | 75 | 57.0 | 4,275 | \$635 | \$2,714,625 |
| 3 | CC | DF-M, RA-S | 4 | 4 | 57.0 | 228 | \$635 | \$144,780 |
| 4 | CC | DF-M, RA-S | 3 | 2 | 57.0 | 114 | \$635 | \$72,390 |
| 5 | R/W | DF-S | 7 | 7 | 24.0 | 168 | \$635 | \$106,680 |
| Total | | Regeneration | 107 | 98 | | 5,298 | | |
| | | Partial Cut | | | | | | |
| | | | | | | Gross Value | | \$3,364,230 |
| a. Estimated harvest volume per acre for Unit. | | | | | | Project Costs | | \$259,935 |
| b. Estimated ‘price’ (excluding Project Costs) | | | | | | Net Value | | \$3,104,295 |
| c. Anticipated Product (AA-B-C) – AA) SLI species code of the bid species, B) Size Class (S – small [average DBH < 15], M – medium [average DBH 15 to 23], L – large (average DBH > 23]), C) Special Product (P – Premium, H – Hardwood) | | | | | | | | |

II. CURRENT STAND CONDITION:

Table 2. Stand Inventory Information

| Unit | Stand ID | Measured/Imputed ^a | Species | Age | TPA | DBH | BA | SDI | Net Acres ^b |
|------|----------|-------------------------------|---------|-----|-----|-----|-----|-----|------------------------|
| 1 | 7004 | I = 7024 | DF, WH | 86 | 115 | 22 | 311 | 69% | 9 |
| 2 | 7024 | M | DF, WH | 124 | 115 | 22 | 311 | 69% | 66 |
| 2 | 7031 | I = 8338 | DF, RA | 71 | 117 | 20 | 261 | 60% | 9 |
| 3 | 7027 | M | RA, DF | 52 | 170 | 13 | 159 | 44% | 4 |
| 4 | 7027 | M | RA, DF | 52 | 170 | 13 | 159 | 44% | 2 |
| 5 | 7087 | M | DF, RA | 39 | 159 | 14 | 168 | 45% | 1 |
| 5 | 7092 | M | DF, WH | 43 | 348 | 11 | 223 | 66% | 1 |
| 5 | 7096 | M | DF | 37 | 204 | 11 | 123 | 37% | 2 |

- a. Identify the source of stand inventory information. Use the following codes: M = Measured SLI data, I = Imputed SLI data, P = Pre-Cruise Plots, O = other (if other, describe below).
- b. Net Acres have been rounded to the nearest whole acre in this table. Stand that comprise less than one acre of a harvest unit are not reported in this table, so the total "Net Acres" per unit in this table may not equal the total "Net Acres" per unit in table 1.

- Portions of the stands within this sale were planted but have no record of pre-commercial or commercial thinning.

Table 3. Additional Stand Information

| Unit | Stand ID | Snags/ Acre ^a | Down Wood/ Acre ^b | Forest Health | | |
|------|----------|-----------------------------|---------------------------------|---------------|-----------|--------------------|
| | | | | SNC | Phellinus | Other ^c |
| 1 | 7004 | 7 | 117 | | Yes | |
| 2 | 7024 | 7 | 117 | | Yes | |
| 2 | 7031 | 16 | 134 | | Yes | |
| 3 | 7027 | 0 | 26 | | Yes | |
| 4 | 7027 | 0 | 26 | | Yes | |
| 5 | 7087 | 0 | 603 | | | |
| 5 | 7092 | 0 | 570 | | | |
| 5 | 7096 | 0 | 2327 | | | |

- a. Identify the number of hard snags per acre (decay classes 1 and 2)
b. Identify the cubic feet per acre of hard down wood (decay classes 1 and 2)
c. Describe “Other” forest health issue.

III. WILDLIFE AND T&E SPECIES CONSIDERATIONS:

Foresters need to request the Biological Survey Tracking Form (BSTF) from the ODF Wildlife Biologist prior to sale layout in order to ensure all T&E related information is complete and understood.

- A portion of the operation is within (Check all that apply):
☐ TAS ☐ NSO Circle or Home Range, or Baseline or Elevated Baseline Thiessen (BA required)
☐ MMMA (BA required) ☒ None
- Are Surveys for NSO being conducted for any portion of this operation?
☐ No ☒ Density Surveys ☐ Operational Surveys ☐ Combination (Density/Operational)
- Are Surveys for MM being conducted for any portion of this operation?
☒ Yes (in progress/completed) ☐ No (Not habitat) ☐ N/A (outside of MM survey zone)
Notes: Surveys are being conducted in 2024 and 2025.
- Are there any additional considerations (FPA Resource Sites, Species of Concern sites/Plant [from ORBIC¹])?
☒ No ☐ Yes, please describe:

IV. DESIRED FUTURE CONDITION AND PRESCRIPTION:

Table 4. Stand Structure Information

| Unit | Stand ID | Current | Desired Future ^b | Inside of HCA | Net Acres ^a |
|------|----------|---------|-----------------------------|---------------|------------------------|
| 1 | 7004 | UDS | GEN | No | 9 |
| 2 | 7024 | UDS | GEN | No | 66 |
| 2 | 7031 | LYR | GEN | No | 9 |
| 3 | 7027 | UDS | GEN | No | 4 |
| 4 | 7027 | UDS | GEN | No | 2 |
| 5 | 7087 | UDS | GEN | No | 1 |
| 5 | 7092 | UDS | GEN | No | 1 |
| 5 | 7096 | UDS | GEN | No | 2 |

¹ Oregon Biodiversity Information Center
Forest Grove District
Draft - April 2025

- a. Net Acres have been rounded to the nearest whole acre in this table. Stand that comprise less than one acre of a harvest unit are not reported in this table, so the total “Net Acres” per unit in this table may not equal the total “Net Acres” per unit in table 1.
- b. While desired future condition complex (Layered -LYR and Older Forest Structure – OFS) is mapped, targets for Regeneration, Closed Single Canopy and Understory stands are not. These stand types are typically referred to as General (GEN) when discussing desired future condition.

Table 5. Partial Cut & HCA Prescriptions (Complete only for Partial Cut and HCA Harvests)

| Unit | Harvest Type | Harvest Species | Residual | | | |
|------|--------------|-----------------|----------|-----|----|-------|
| | | | Species | TPA | BA | % SDI |
| 1 | CC | | | | | |
| 2 | CC | | | | | |
| 3 | CC | | | | | |
| 4 | CC | | | | | |
| 5 | R/W | | | | | |

- **Leave Tree Considerations:** Foresters will work with Wildlife Biologist during sale layout. The following should be considered when determining final leave tree arrangements.
 - Stand Characteristics: Unit 2 leave trees should be concentrated in the central-north portion of the stand. Work with Wildlife Biologist during sale layout on other units.
- **Reforestation Considerations:** Following the completion of harvest, the unit will be planted with a mixture of species native to the geographic area.

V. HARVESTING AND ACCESS CONSIDERATIONS:

Table 6. Harvest System and Access Summary

| Unit | Harvest System | | Slope (%) | Unit Access | Seasonal Access |
|------|----------------|----------|-----------|-------------|-----------------|
| | % Cable | % Ground | | | |
| 1 | 0 | 100 | <35 | Simple | Combo |
| 2 | 0 | 100 | <35 | Simple | Combo |
| 3 | 0 | 100 | <35 | Simple | Combo |
| 4 | 0 | 100 | <35 | Simple | Combo |
| 5 | 0 | 100 | <35 | Simple | Combo |

1. Haul Route:
 - Little Clatskanie Mainline to Apiary Road
 - This sale is behind a locked gate.
 - This haul route includes a portion of Little Clatskanie Road which has been determined to be a sensitive road location subject to wet weather haul shutdowns at 0.5” or greater in a 24-hour period.
2. Haul Route Condition:
 - The haul route is in good condition and road maintenance or improvement needs will be assessed during sale layout.
3. Are easements required for the haul route? ☐ No ☒ Yes
 - A License Agreement from Weyerhaeuser is needed; will include road maintenance fee.

Table 7. Transportation Management Summary (Miles)

| Activity | Mainline | Collector | Rocked Spur | Dirt Spur |
|--|----------|-----------|-------------|-----------|
| Construct | 0 | 0 | 0 | 3.13 |
| Improve, Rock, and/or Maintain | 5.7 | 10.0 | 1.4 | 0 |
| Vacate | 0 | 0 | 0 | 0 |
| Stream Crossings: install on existing road (IE)/replace on existing road (R)/install on new construction road (NC) | | | | |
| Type F - SSBT ^a | 0 | 0 | 0 | 0 |
| Type F – Non-SSBT | 0 | 0 | 0 | 0 |
| Type N | 0 | 2R | 0 | 0 |

a. Salmon Steelhead and Bull Trout (SSBT)

- This sale will pre-road the FY26 Alternate Thin to Win timber sale to save on move-in costs. Thin to Win requires 2.1 miles of new road construction and 12.7 miles of road improvement. These miles are included in the table above and the Big Leaves Project Costs reflect this work. This road work is shown on the Thin to Win Exhibit A map.
- Opportunities to vacate or block new or existing roads and/or spurs will be considered during sale layout.

4. Rock Sources for this operation:

- Commercial Rock Source

5. Are property line surveys required for this operation? ☒ No ☐ Yes

6. Is there planned new road construction planned within RCAs/HCAs? ☐ No ☒ Yes

- The planned new road construction within a RCA is associated with the pre-roading of the FY26 Alternate Thin to Win Unit 6.

VI. AQUATIC RESOURCES:

1. Do any streams require additional review for the following?

- Fish presence: ☒ No ☐ Yes
- Perennial/Seasonal: ☐ No ☒ Yes
- H.E.R.: ☐ No ☒ Yes
- There are streams within the sale that require additional review. Buffers shown on the map indicate where it is believed streams are located. These streams will be located, verified for permanence, and/or type of seasonal stream during sale layout and Geotech review and buffered as required.

2. Is a portion of the operation within an Aquatic Anchor? ☒ No ☐ Yes, name:

3. Are any domestic points of diversion identified in the Oregon Water Resource Department's water rights information search GIS database located downstream within 3,000 feet of the harvest operation?

☒ No ☐ Yes, describe protection measures:

4. Are there any unregistered or unknown status domestic points of diversion that have been identified within the harvest operation? ☒ No ☐ Yes, please describe:

5. Is there a Stream Enhancement Project planned? ☐ No ☒ Yes, please describe:
- There is potential for a stream enhancement project in Clatskanie River and Little Clatskanie River associated with the timber sale. Additional desktop and field reviews shall be conducted to determine the best candidates to focus stream enhancement efforts. District State Forest staff shall consult with the ODF Aquatic and Riparian Specialist and the local ODFW Habitat Biologist to help determine the feasibility and logistics of the project during sale layout.

VII. SLOPE STABILITY ISSUES:

Table 8. Summary of Slope Stability Assessment

| Unit | Harvest Review Complete | Public Safety Review Complete | Additional Comment |
|------|-------------------------|-------------------------------|--------------------|
| 1 | Yes | Yes | |
| 2 | Yes | Yes | |
| 3 | Yes | Yes | |
| 4 | Yes | Yes | |
| 5 | Yes | Yes | |

- **Geotech Review:** Geotechnical reviews have been completed and slope protections have been incorporated into No Harvest buffers shown on the maps. Additional consultation with Geotechnical Specialists will be done during sale layout as needed.

VIII. RECREATION RESOURCES:

1. Recreation issues/coordination: ☒ No ☐ Yes, please describe:

IX. HISTORIC AND CULTURAL RESOURCES:

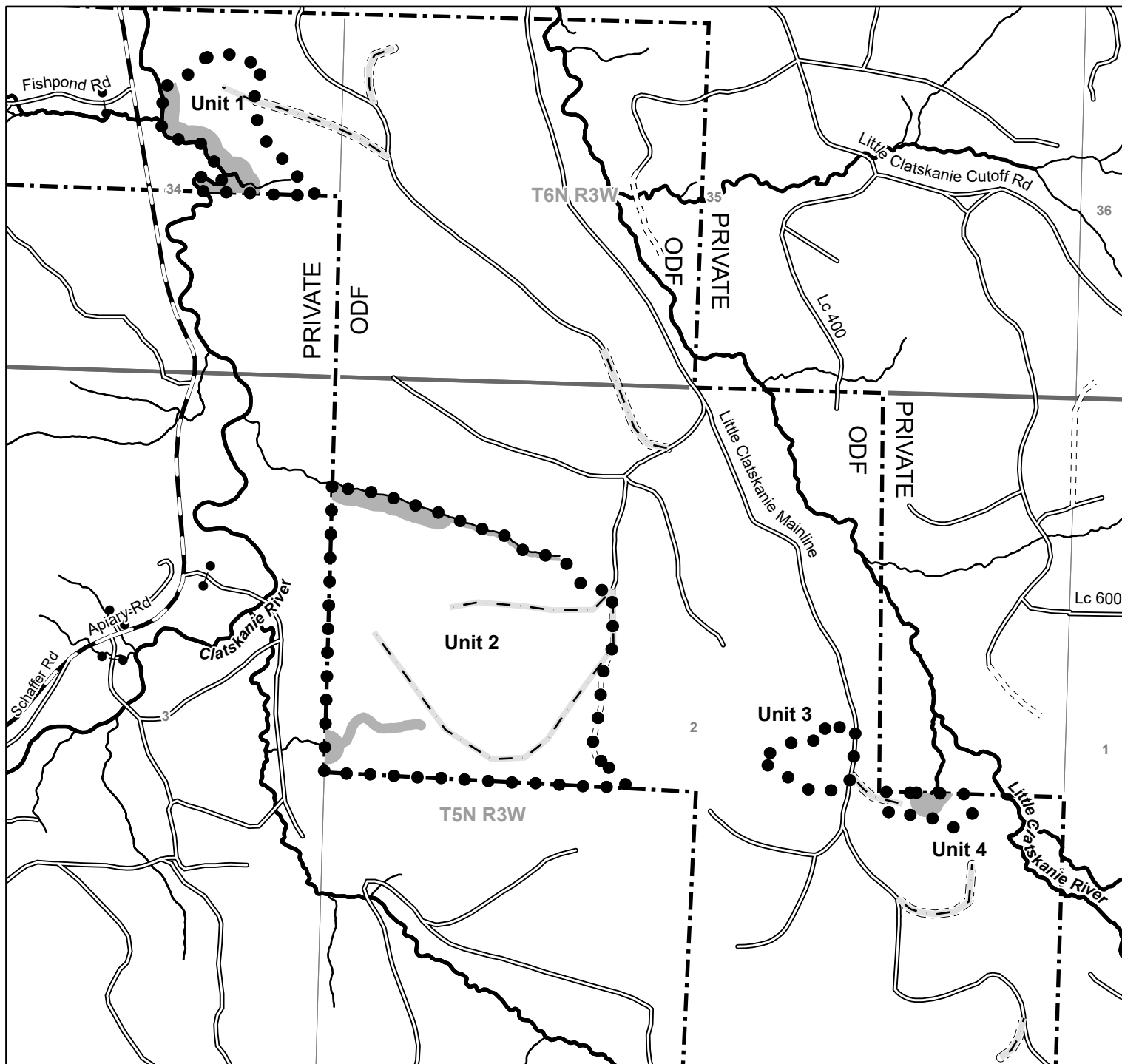
1. Has the sale been reviewed by a qualified archaeologist for potential historic or cultural resource presence? ☐ No ☒ Yes

X. SCENIC RESOURCES:

1. Are there scenic resources in the vicinity of this operation that need additional consideration? ☒ No ☐ Yes, please describe:

XI. OTHER RESOURCE CONSIDERATIONS:

1. Has a review of the FLMCS layer determined that any resources not mentioned in the report above need additional planning? ☒ No ☐ Yes, please describe:
2. Are there any other resources present that need additional consideration? ☐ No ☒ Yes, please describe:
- **Adjacent Landowners (shared property lines):**
 - Private Landowner, Private Industrial:
 - District staff will work with adjacent private landowners to determine what additional outreach is needed during the sale process and if any additional restrictions are needed.



Legend

- ● Sale Boundary
- No Harvest Area
- Road Buffer, New Construction
- Gates
- New Road Construction
- Paved Roads
- Surfaced Roads
- Unsurfaced Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- Seasonal Streams
- Ownership Boundary

FY 2026 - Forest Grove District Big Leaves Portions of Sections 34 & 35, T6N, R3W, Portions of Sections 2, 20, 21 & 23, T5N, R3W, W.M. Columbia County

State Forest Division
12/16/2024

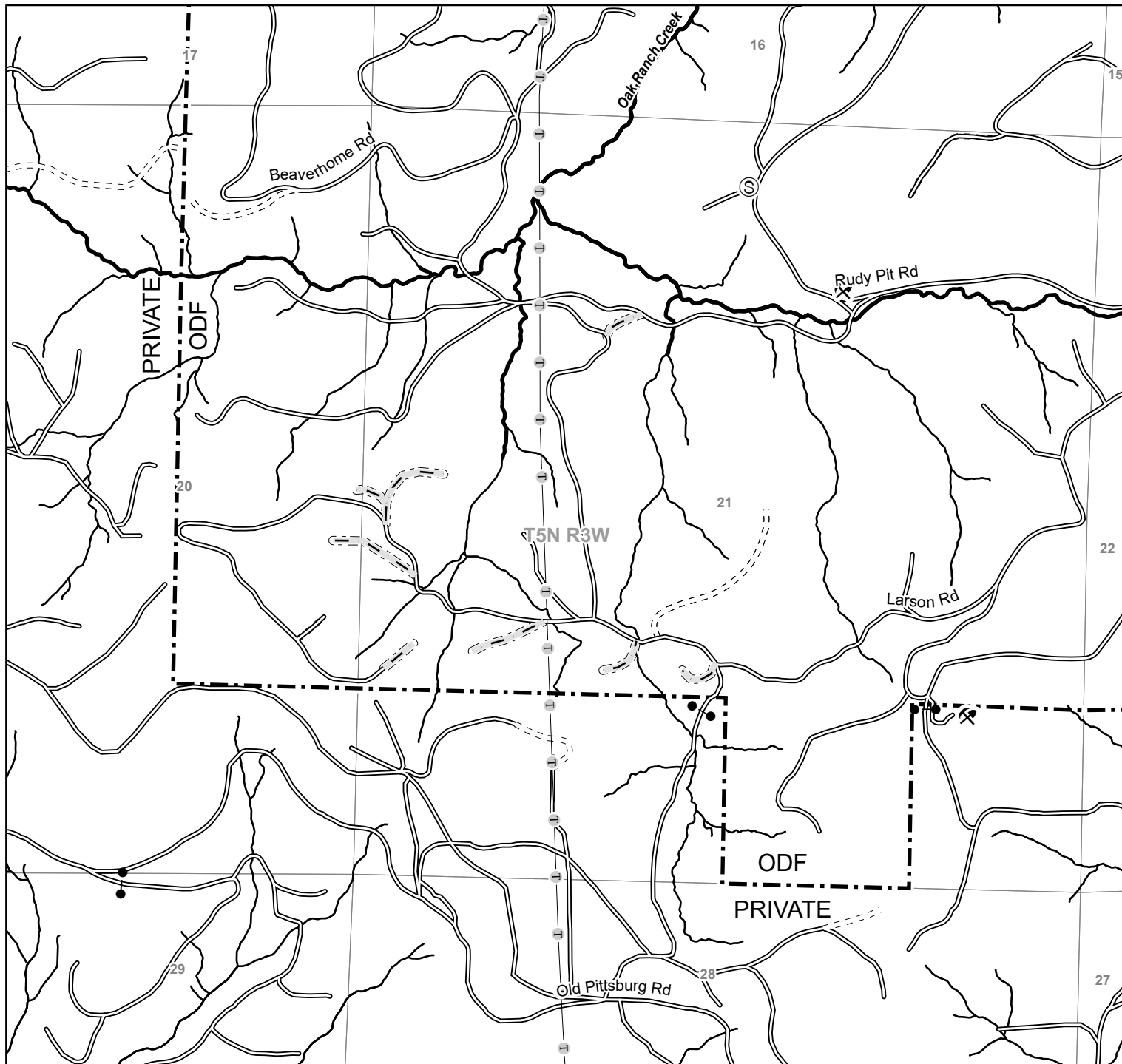
This product is for informational use and may not be suitable for legal, engineering, or surveying purposes. Variations may exist between and among data sets in use by the Department of Forestry. This map was developed using the Statewide Stream Layer.

Unit 1 9 acres (CC)
Unit 2 75 acres (CC)
Unit 3 4 acres (CC)
Unit 4 2 acres (CC)
Unit 5 7 acres (R/W)

Total 98 Acres

1:12,000
1,000 500 0 1,000 Feet





Legend

- Road Buffer, New Construction
- Gates
- Quarry
- Stockpiles
- Transmission Lines
- New Road Construction
- Surfaced Roads
- Unsurfaced Roads
- Perennial Fish Streams
- Perennial Non-Fish Streams
- Seasonal Streams
- Ownership Boundary

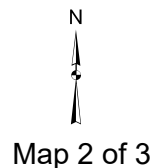
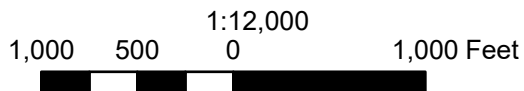
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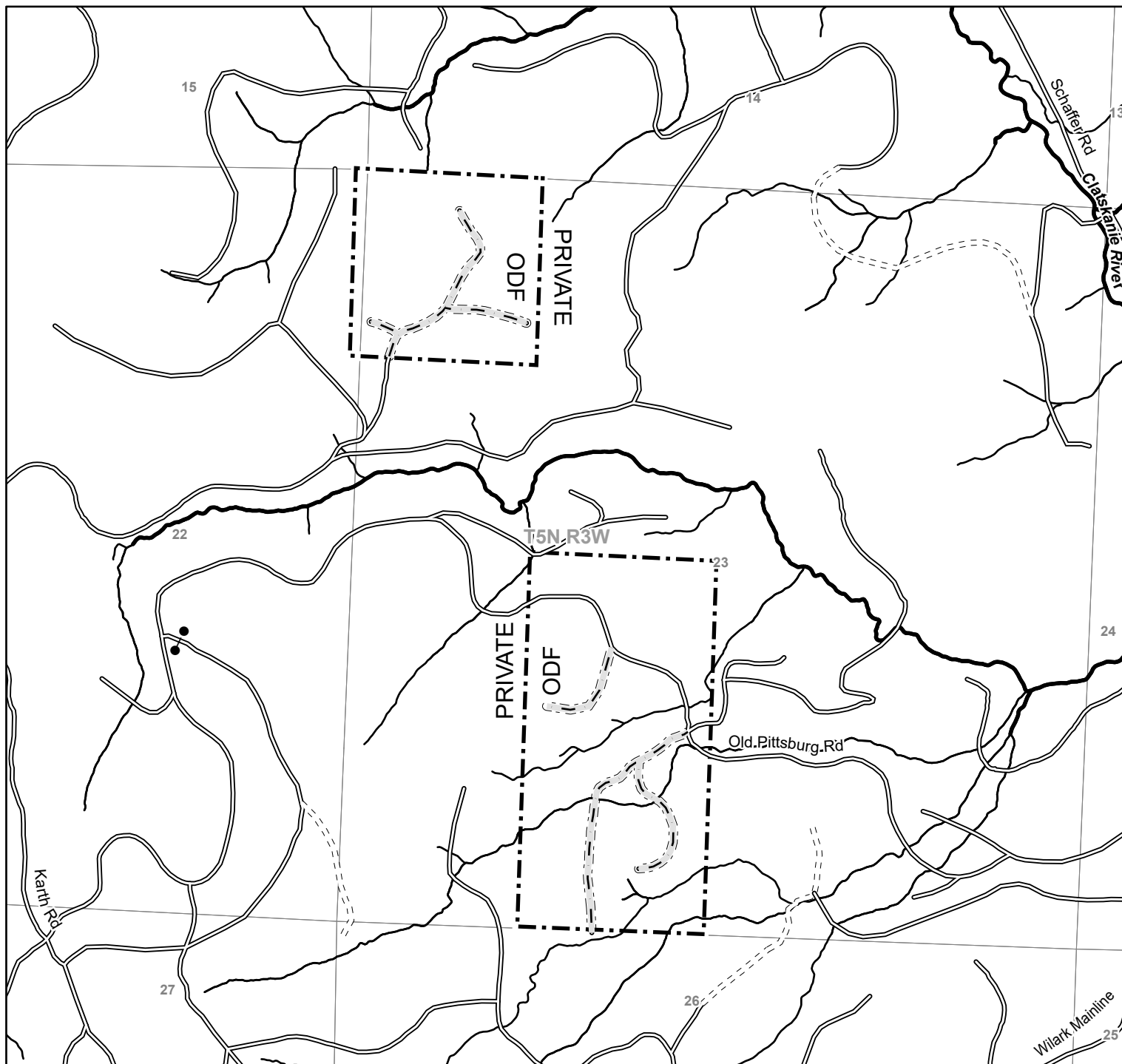
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